Author Index

Aldrich, J. R., see Rudmann, A. A. 324
Anders, G., see Krupčík, J. 65
Arco, A. Del, see Usero, J. L. 355
Arvidsson, T.
Effects of system peaks in a column-switching liquid chromatographic system for bioanalysis 49
Asai, H., see Takeuchi, T. 151
Bannon, C. D.
——, Craske, J. D., Felder, D. L., Garland, I. J. and Norman, L. M.
Analysis of fatty acid methyl esters with high accuracy and reliability. VI. Rapid analysis by split injection capillary gas–liquid chromatography 231
Becue, T., see Công, H. N. 349
Bertaux, O., see Công, H. N. 349
Blaise, A., see Larroque, M. 384
Borchardt, L. G., see Crockett, T. D. 330
Bossle, P. C.
——, Reutter, D. J. and Sarver, E. W.
Analysis of alkyl methylphosphonic acids in aqueous matrices by ion-pair reversed-phase ion chromatography 399
Brendel, S., see Kleuss, C. 281
Brieva, A., see Rubio, N. 408
Cappiello, P. E., see Kling, G. J. 377
Carter, R. H., see Firestone, M. A. 363
Casado, J., see Usero, J. L. 355
Catterick, T.
—— and Russell, J.
Development of an inexpensive flowmeter for high-performance liquid chromatography using a programmable pocket computer 310
Caude, M., see Morin, Ph. 87
Charbonneau, C. F., see Lawrence, J. F. 405
Chuiko, A. A., see Lysjuk, L. S. 189
Clonis, Y. D.
Matrix evaluation for preparative high-performance affinity chromatography 179
Công, H. N.
——, Valencia, R., Becue, T. and Bertaux, O.
Identification by high-performance liquid chromatography and mass spectrometry of a guanine derivative arising from acid hydrolysis of DNA 349
Craske, J. D., see Bannon, C. D. 231
Crockett, T. D.
——, Webb, A. A., Borchardt, L. G. and Easty, D. B.
Identification of polymers in paper by pyrolysis gas chromatography. Reduction of paper interference by prepyrolysis 330
Croteau, R. B., see Satterwhite, D. M. 243
Däppen, R., see Pirkle, W. H. 211
Del Arco, A., see Usero, J. L. 355
De Miguel, I.
——, Puech-Costes, E. and Samain, D.
Use of mixed perfluorinated ion-pairing agents as solvents in ion-pair high-performance liquid chromatography for the preparative purification of aminoglycoside antibiotics 109
De Waal, W. A. J.
——, Maessen, F. J. M. J. and Kraak, J. C.
Analysis of platinum species originating from *cis*-diamminechloroplatinum(II) (cisplatin) in human and rat plasma by high-performance liquid chromatography with on-line inductively coupled plasma atomic emission spectrometric detection 253
Easty, D. B., see Crockett, T. D. 330
Eisenberg, B. A., see Kling, G. J. 377
Felder, D. L., see Bannon, C. D. 231
Firestone, M. A.
——, Michaud, J.-P., Carter, R. H. and Thormann, W.
Capillary zone electrophoresis and isotachophoresis as alternatives to chromatographic methods for purity control of synthetic peptides 363
Foley, R. C. L., see Haddad, P. R. 133
Friedel, H. D.
—— and Matusch, R.
Separation of non-polar sesquiterpene olefins from tolu balsam by high-performance liquid chromatography; silver perchlorate impregnation of a prepacked preparative silica gel column 343
Garland, I. J., see Bannon, C. D. 231
Garside, D. R., see Smith, R. M. 19
Gilbert, J., see Mortimer, D. N. 393
Gioeli, C., see Pettersson, C. 217
Haddad, P. R.
—— and Foley, R. C. L.
Contamination of aqueous eluents due to corrosion of stainless-steel chromatographic components 133
—— and Jackson, P. E.
Studies on sample preconcentration in ion chromatography. VI. Use of concentrator columns with "permanently" bound ion-inter-

Author Index

Aldrich, J. R., see Rudmann, A. A. 324
Anders, G., see Krupčík, J. 65
Arco, A. Del, see Usero, J. L. 355
Arvidsson, T.
Effects of system peaks in a column-switching liquid chromatographic system for bioanalysis 49
Asai, H., see Takeuchi, T. 151
Bannon, C. D.
——, Craske, J. D., Felder, D. L., Garland, I. J. and Norman, L. M.
Analysis of fatty acid methyl esters with high accuracy and reliability. VI. Rapid analysis by split injection capillary gas–liquid chromatography 231
Becue, T., see Công, H. N. 349
Bertaux, O., see Công, H. N. 349
Blaise, A., see Larroque, M. 384
Borchardt, L. G., see Crockett, T. D. 330
Bossle, P. C.
——, Reutter, D. J. and Sarver, E. W.
Analysis of alkyl methylphosphonic acids in aqueous matrices by ion-pair reversed-phase ion chromatography 399
Brendel, S., see Kleuss, C. 281
Brieva, A., see Rubio, N. 408
Cappiello, P. E., see Kling, G. J. 377
Carter, R. H., see Firestone, M. A. 363
Casado, J., see Usero, J. L. 355
Catterick, T.
—— and Russell, J.
Development of an inexpensive flowmeter for high-performance liquid chromatography using a programmable pocket computer 310
Caude, M., see Morin, Ph. 87
Charbonneau, C. F., see Lawrence, J. F. 405
Chuiko, A. A., see Lysjuk, L. S. 189
Clonis, Y. D.
Matrix evaluation for preparative high-performance affinity chromatography 179
Công, H. N.
——, Valencia, R., Becue, T. and Bertaux, O.
Identification by high-performance liquid chromatography and mass spectrometry of a guanine derivative arising from acid hydrolysis of DNA 349
Craske, J. D., see Bannon, C. D. 231
Crockett, T. D.
——, Webb, A. A., Borchardt, L. G. and Easty, D. B.
Identification of polymers in paper by pyrolysis gas chromatography. Reduction of paper interference by prepyrolysis 330
Croteau, R. B., see Satterwhite, D. M. 243
Däppen, R., see Pirkle, W. H. 211
Del Arco, A., see Usero, J. L. 355
De Miguel, I.
——, Puech-Costes, E. and Samain, D.
Use of mixed perfluorinated ion-pairing agents as solvents in ion-pair high-performance liquid chromatography for the preparative purification of aminoglycoside antibiotics 109
De Waal, W. A. J.
——, Maessen, F. J. M. J. and Kraak, J. C.
Analysis of platinum species originating from *cis*-diamminechloroplatinum(II) (cisplatin) in human and rat plasma by high-performance liquid chromatography with on-line inductively coupled plasma atomic emission spectrometric detection 253
Easty, D. B., see Crockett, T. D. 330
Eisenberg, B. A., see Kling, G. J. 377
Felder, D. L., see Bannon, C. D. 231
Firestone, M. A.
——, Michaud, J.-P., Carter, R. H. and Thormann, W.
Capillary zone electrophoresis and isotachophoresis as alternatives to chromatographic methods for purity control of synthetic peptides 363
Foley, R. C. L., see Haddad, P. R. 133
Friedel, H. D.
—— and Matusch, R.
Separation of non-polar sesquiterpene olefins from tolu balsam by high-performance liquid chromatography; silver perchlorate impregnation of a prepacked preparative silica gel column 343
Garland, I. J., see Bannon, C. D. 231
Garside, D. R., see Smith, R. M. 19
Gilbert, J., see Mortimer, D. N. 393
Gioeli, C., see Pettersson, C. 217
Haddad, P. R.
—— and Foley, R. C. L.
Contamination of aqueous eluents due to corrosion of stainless-steel chromatographic components 133
—— and Jackson, P. E.
Studies on sample preconcentration in ion chromatography. VI. Use of concentrator columns with "permanently" bound ion-inter-

action reagents 121
Harada, H.
——, Kamei, M., Sunada, K., Yui, S. and Koyama, F.
Assay of glycosidase by lectin affinity high-performance liquid chromatography 299
Hayashi, Y.
——, Shibazaki, T., Matsuda, R. and Uchiyama, M.
Real-time quantitative analysis of unresolved liquid chromatographic peaks with the use of the Kalman filter 59
Hevesi, T., see Krupčík, J. 65
Heys, J. R.
High-performance liquid chromatographic studies of pH dependence in the isotopic fractionation of deuterated benzazepines 37
Hiraga, Y., see Iwaki, K. 273
Hofstetter, M.
——, Nyiredy, Sz., Meier, B. and Sticher, O.
Reversed-phase high-performance liquid chromatographic separation of the tetrameric lectin concanavalin A from *Canavalia ensiformis* 319
Ibrahim, R. K., see Khouri, H. E. 291
Ishii, D., see Takeuchi, T. 141, 151
Iwaki, K.
——, Nimura, N., Hiraga, Y., Kinoshita, T., Takeda, K. and Ogura, H.
Amino acid analysis by reversed-phase high-performance liquid chromatography. Automatic pre-column derivatization with activated carbamate reagent 273
Izquierdo, C., see Usero, J. L. 355
Jackson, P. E., see Haddad, P. R. 121
Jinno, K., see Okamoto, M. 314
Kamei, M., see Harada, H. 299
Karlsson, A., see Pettersson, C. 217
Kasai, R.
——, Yamaguchi, H. and Tanaka, O.
High-performance liquid chromatography of glycosides on a new type of hydroxyapatite column 205
Khouri, H. E.
—— and Ibrahim, R. K.
Resolution of five position-specific flavonoid O-methyltransferases by fast protein liquid chromatofocusing 291
Kientz, C. E.
—— and Verweij, A.
Decomposition of trifluoroacetyl derivatives of some trichothecenes on fused-silica capillary columns during gas chromatographic analysis 340
Kinoshita, T., see Iwaki, K. 273
Kleuss, C.
——, Pallast, M., Brendel, S., Rosenthal, W. and Schultz, G.
Resolution of transducin subunits by chromatography on Blue Sepharose 281
Kling, G. J.
——, Perkins, L. M., Cappiello, P. E. and Eisenberg, B. A.
Improved method for the determination of indole-3-acetic acid in plant tissue 377
Koyama, F., see Harada, H. 299
Kraak, J. C., see De Waal, W. A. J. 253
Krupčík, J.
——, Repka, D., Hevesi, T. and Anders, G.
Use of Kováts indices for prediction of retention temperatures in linear temperature-programmed capillary gas chromatography 65
Larroque, M.
——, Vian, L. and Blaise, A.
Dosage du phénol par chromatographie liquide haute performance avec détection fluorimétrique. Application aux vins 384
Law, B.
Analysis of basic compounds on a silica column with an aqueous methanol eluent. Use of quantitative structure–retention relationships in metabolite identification 1
Lawrence, J. F.
—— and Charbonneau, C. F.
Direct method for the determination of 2-acetyl-4(5)-tetrahydroxybutylimidazole in caramel colours and beers by high-performance liquid chromatography with absorbance detection 405
Lysjuk, L. S.
—— and Chuiko, A. A.
Effect of zirconia on the sorption properties of silica gels 189
Maessen, F. J. M. J., see De Waal, W. A. J. 253
Mann, B.
Identification of carbohydrate gums in dental cream by thin-layer chromatography 369
Matsuda, R., see Hayashi, Y. 59
Matusch, R., see Friedel, H. D. 343
Meier, B., see Hofstetter, M. 319
Michaud, J.-P., see Firestone, M. A. 363
Miguel, I. de, see De Miguel, I. 109
Miyazaki, K., see Tanaka, Y. 197
Montes, M., see Usero, J. L. 355
Morin, Ph.
——, Caude, M. and Rosset, R.
Super- and subcritical fluid chromatography–Fourier transform infrared spectrometry of medium polar compounds on polymeric styrene–divinylbenzene packed columns 87

Mortimer, D. N.
——, Gilbert, J. and Shepherd, M. J.
Rapid and highly sensitive analysis of aflatoxin M_1 in liquid and powdered milks using an affinity column cleanup 393
Nawrocki, J.
Small populations of highly retentive silanols on trimethylsilylated silica surfaces 171
Nimura, N., see Iwaki, K. 273
Niwa, T., see Takeuchi, T. 141
Norman, L. M., see Bannon, C. D. 231
Nyiredy, Sz., see Hofstetter, M. 319
Ogura, H., see Iwaki, K. 273
Okamoto, M.
——, Jinno, K. and Omori, T.
Preparation and evaluation of mono-, di- and triphenyl-treated plates for the high-performance thin-layer chromatographic analysis of puerarin and paeonol 314
Omori, T., see Okamoto, M. 314
Pallast, M., see Kleuss, C. 281
Parkin, J. E.
Assay of phenylmercury salts in pharmaceutical products by high-performance liquid chromatography of the morpholinedithiocarbamate derivative 389
Perkins, L. M., see Kling, G. J. 377
Pettersson, C.
——, Karlsson, A. and Gioeli, C.
Influence of enantiomeric purity of a chiral selector on stereoselectivity 217
Pirkle, W. H.
——, Däppen, R. and Reno, D. S.
Applications for racemic versions of chiral stationary phases 211
Puech-Costes, E., see De Miguel, I. 109
Reno, D. S., see Pirkle, W. H. 211
Repka, D., see Krupčík, J. 65
Reutter, D. J., see Bossle, P. C. 399
Rosenthal, W., see Kleuss, C. 281
Rosset, R., see Morin, Ph. 87
Rubio, N.
—— and Brieva, A.
Purification of allergens by high-performance liquid chromatography. VI. Purification of the major allergen from *Parietaria judaica* pollen 408
Rudmann, A. A.
—— and Aldrich, J. R.
Chirality determinations for a tertiary alcohol. Ratios of linalool enantiomers in insects and plants 324
Russell, J., see Catterick, T. 310
Samain, D., see De Miguel, I. 109
Sarver, E. W., see Bossle, P. C. 399
Sato, H., see Tanaka, Y. 197
Satterwhite, D. M.
—— and Croteau, R. B.
Resolution of monoterpene enantiomers by gas chromatography 243
Schuddinck, G.
—— and Verzele, M.
Avoidance of trace metal activity with microliquid chromatography in the analysis of hop and beer bitter acids 159
Schultz, G., see Kleuss, C. 281
Shepherd, M. J., see Mortimer, D. N. 393
Shibazaki, T., see Hayashi, Y. 59
Smith, R. M.
—— and Garside, D. R.
Effect of organic modifier on the separation and efficiencies of homologues on porous polymer columns 19
Sticher, O., see Hofstetter, M. 319
Sun, Y., see Wang, T. 79
Sunada, K., see Harada, H. 299
Takeda, K., see Iwaki, K. 273
Takeuchi, T.
——, Asai, H. and Ishii, D.
Enantiomeric separation of amino acids by micro high-performance liquid chromatography on an L-proline-bonded stationary phase 151
——, Niwa, T. and Ishii, D.
Precolumn concentration and/or stepwise-gradient elution by switching valve techniques in micro high-performance liquid chromatography 141
Tanaka, O., see Kasai, R. 205
Tanaka, Y.
——, Sato, H., Miyazaki, K. and Yamada, Y.
Synthesis and characterization of stearyl methacrylate gel for reversed-phase liquid chromatography 197
Thormann, W., see Firestone, M. A. 363
Uchiyama, M., see Hayashi, Y. 59
Usero, J. L.
——, Del Arco, A., Izquierdo, C., Montes, M. and Casado, J.
Comparative study of high-performance liquid chromatography with ultraviolet detection and gas chromatography with the Hall electrolytic conductivity detector in the analysis of N-nitroso compounds 355
Valencia, R., see Công, H. N. 349
Verweij, A., see Kientz, C. E. 340
Verzele, M., see Schuddinck, G. 159
Vian, L., see Larroque, M. 384
Vouros, P., see Wasilchuk, B. A. 305
Waal, W. A. J. de, see De Waal, W. A. J. 253
Wang, T.
—— and Sun, Y.

Reproducibility of temperature-programmed retention indices on several OV-101 columns 79
Wasilchuk, B. A.
—— and Vouros, P.
Design of an inexpensive on-column injector for capillary gas chromatography 305
Webb, A. A., see Crockett, T. D. 330
Yamada, Y., see Tanaka, Y. 197
Yamaguchi, H., see Kasai, R. 205
Yui, S., see Harada, H. 299